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Regional annotated mycobiota new to the Mycotaxon website

Abstract—Mycotaxon announces the posting of its 140th free access funga to its mycobiota site in June. This excellent 18-page global checklist of aquatic arbuscular mycorrhizal fungi by Queiroz, Jobim, Vista, Leroy, Gomes, and Goto may be downloaded from our website via http://www.mycotaxon.com/mycobiota/index.html

GLOBAL

Mariana Bessa De Queiroz, Khadija Jobim, Xochitl Margarito Vista, Juliana Aparecida Souza Leroy, Stephania Ruth Basílio Silva Gomes, Bruno Tomio Goto. Occurrence of *Glomeromycota* species in aquatic habitats: a global overview. 18 p.

Abstract—Arbuscular mycorrhizal fungi (AMF) are recognized in terrestrial and aquatic ecosystems. The latter, however, have received little attention from the scientific community and, consequently, are poorly known in terms of occurrence and distribution of this group of fungi. This paper provides a global list on AMF species inhabiting aquatic ecosystems reported so far by scientific community (lotic and lentic freshwater, mangroves, and wetlands). A total of 82 species belonging to 5 orders, 11 families, and 22 genera were reported in 8 countries. Lentic ecosystems have greater species richness. Most studies of the occurrence of AMF in aquatic ecosystems were conducted in the United States and India, which constitute 45% and 78% reports coming from temperate and tropical regions, respectively.

Key words—checklist, flooded areas, mycorrhiza, taxonomy